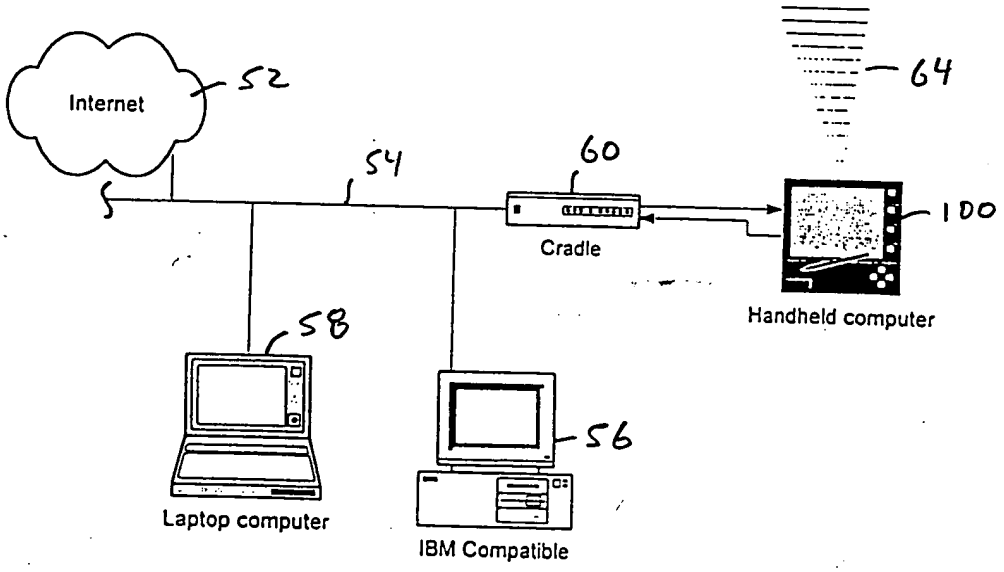
50
Internet
52
54
60
64
100
Cradle
Handheld computer
58
56
Laptop computer
IBM Compatible

FIG. 1

009250 "9C20890

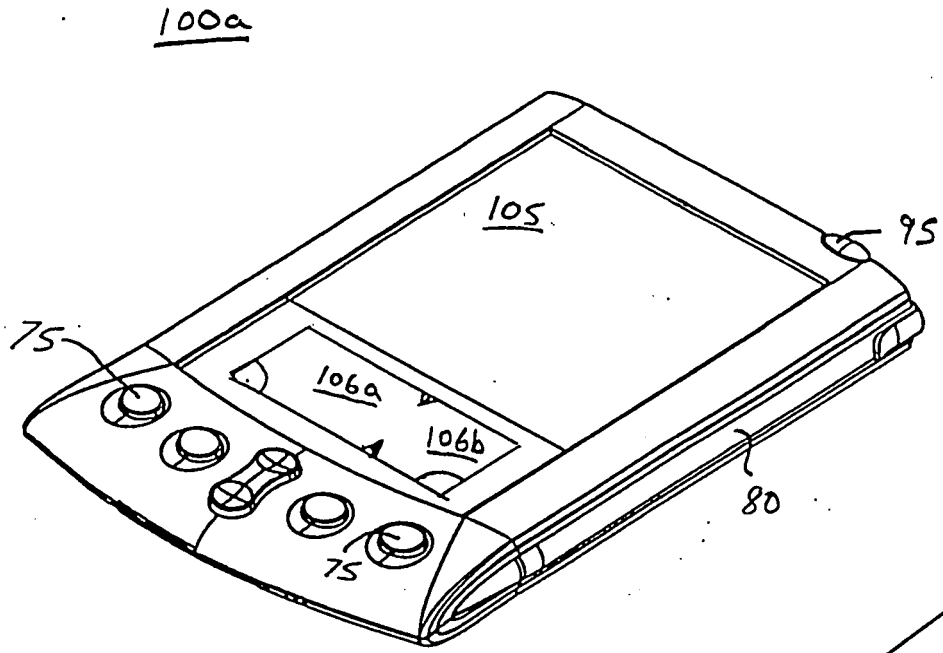

FIG. 2A

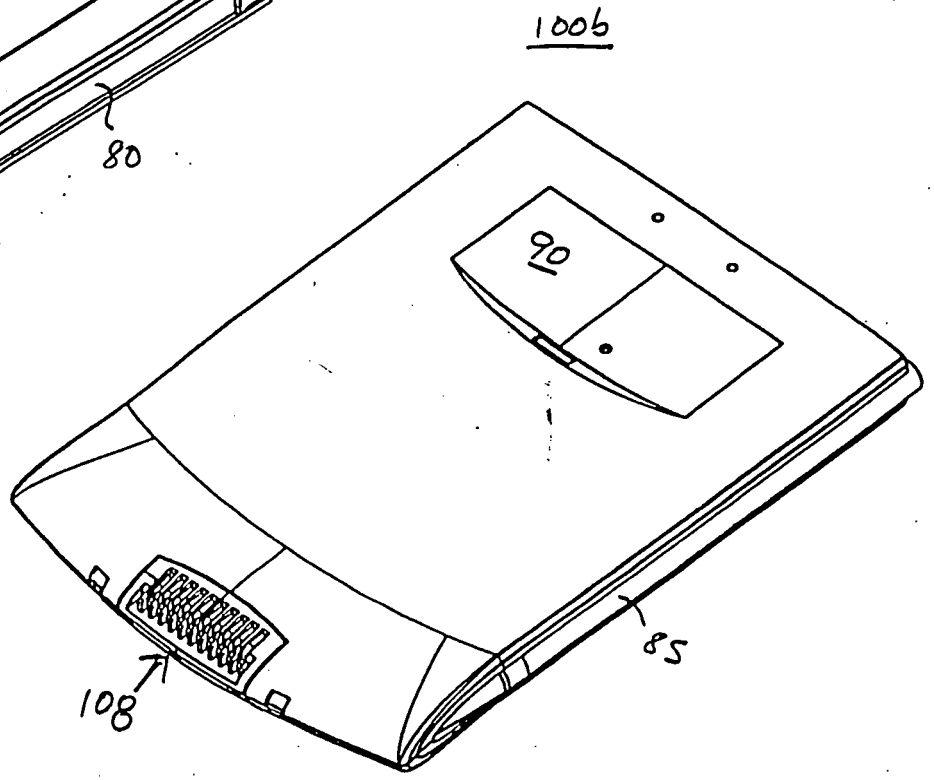

FIG. 2B

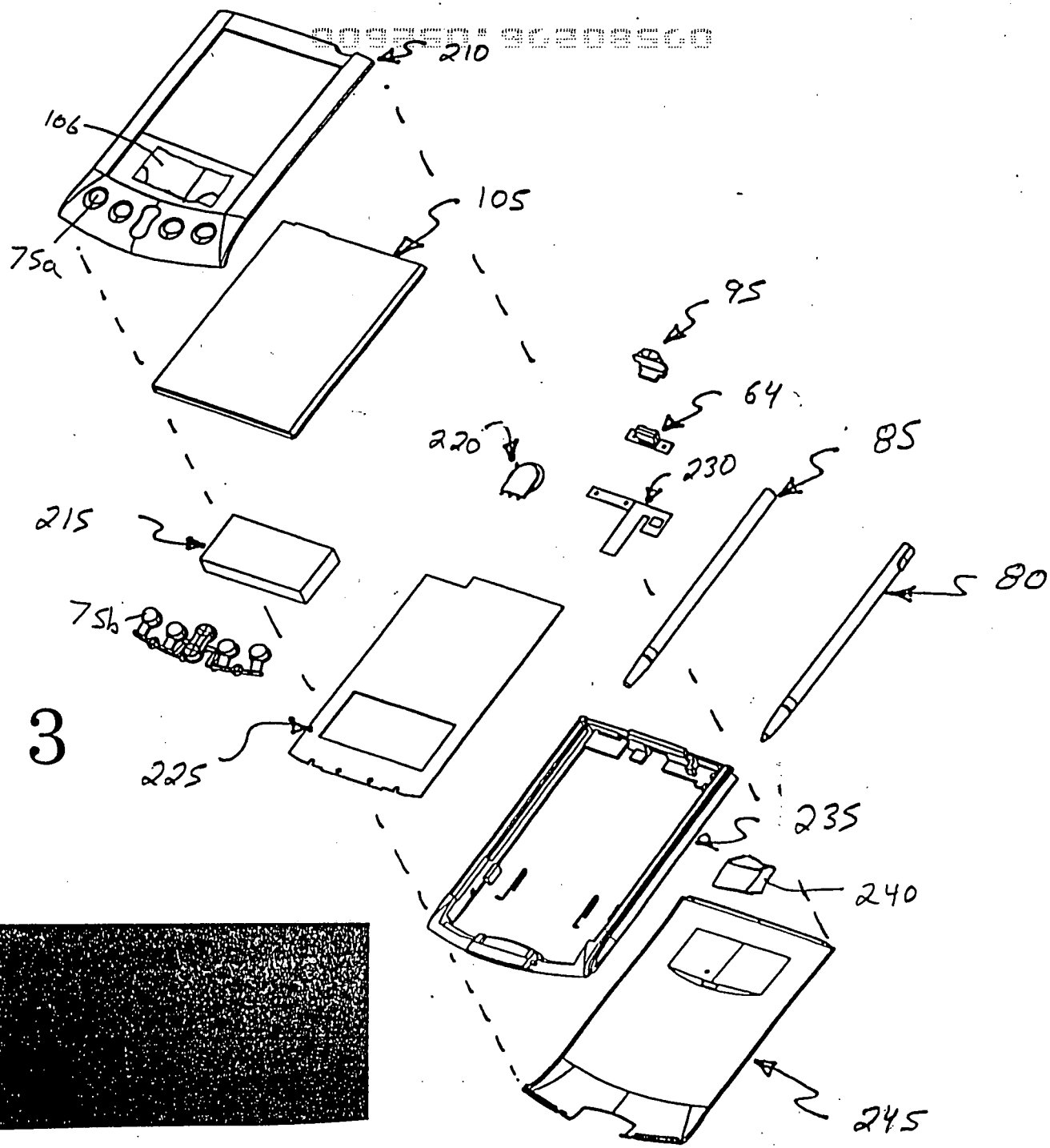

FIG. 3

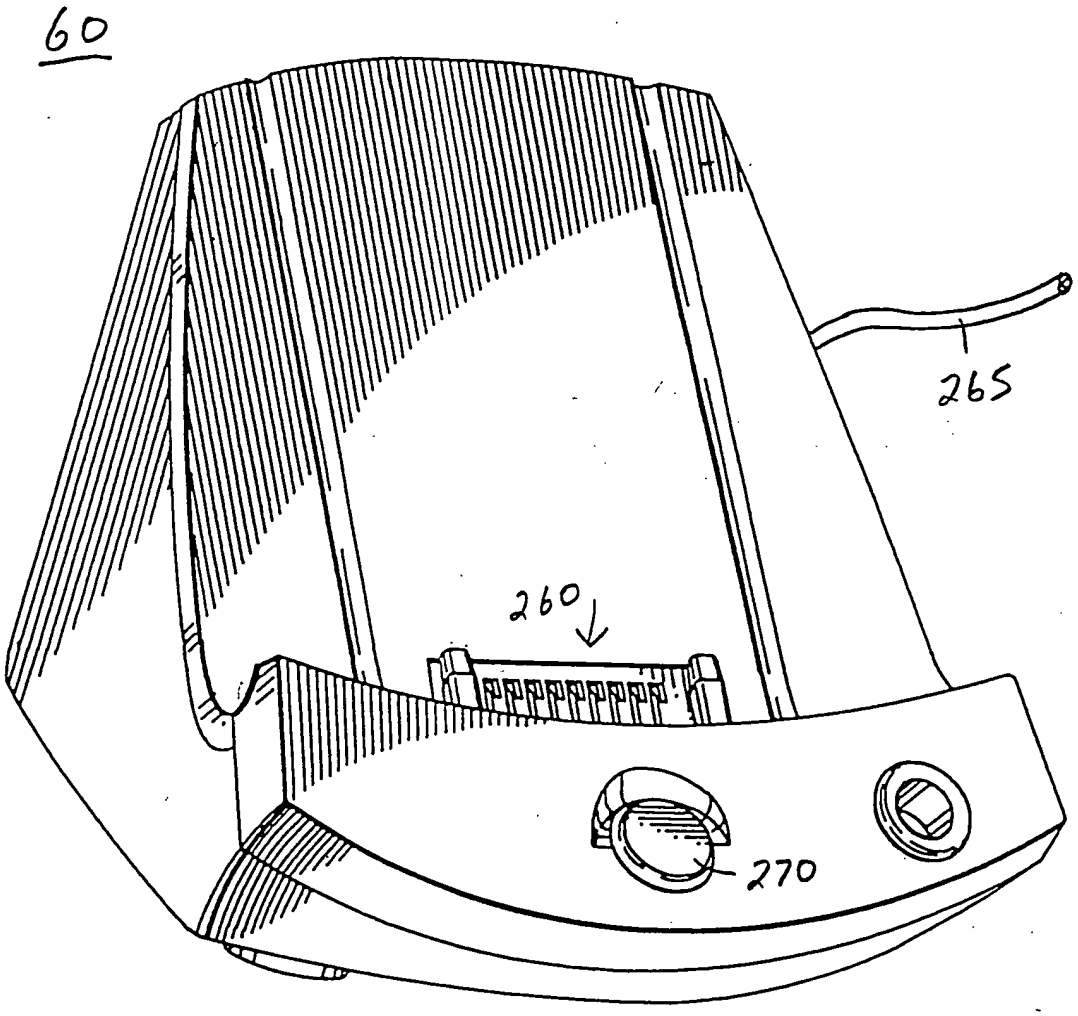

FIG. 4

09250 "SC20950

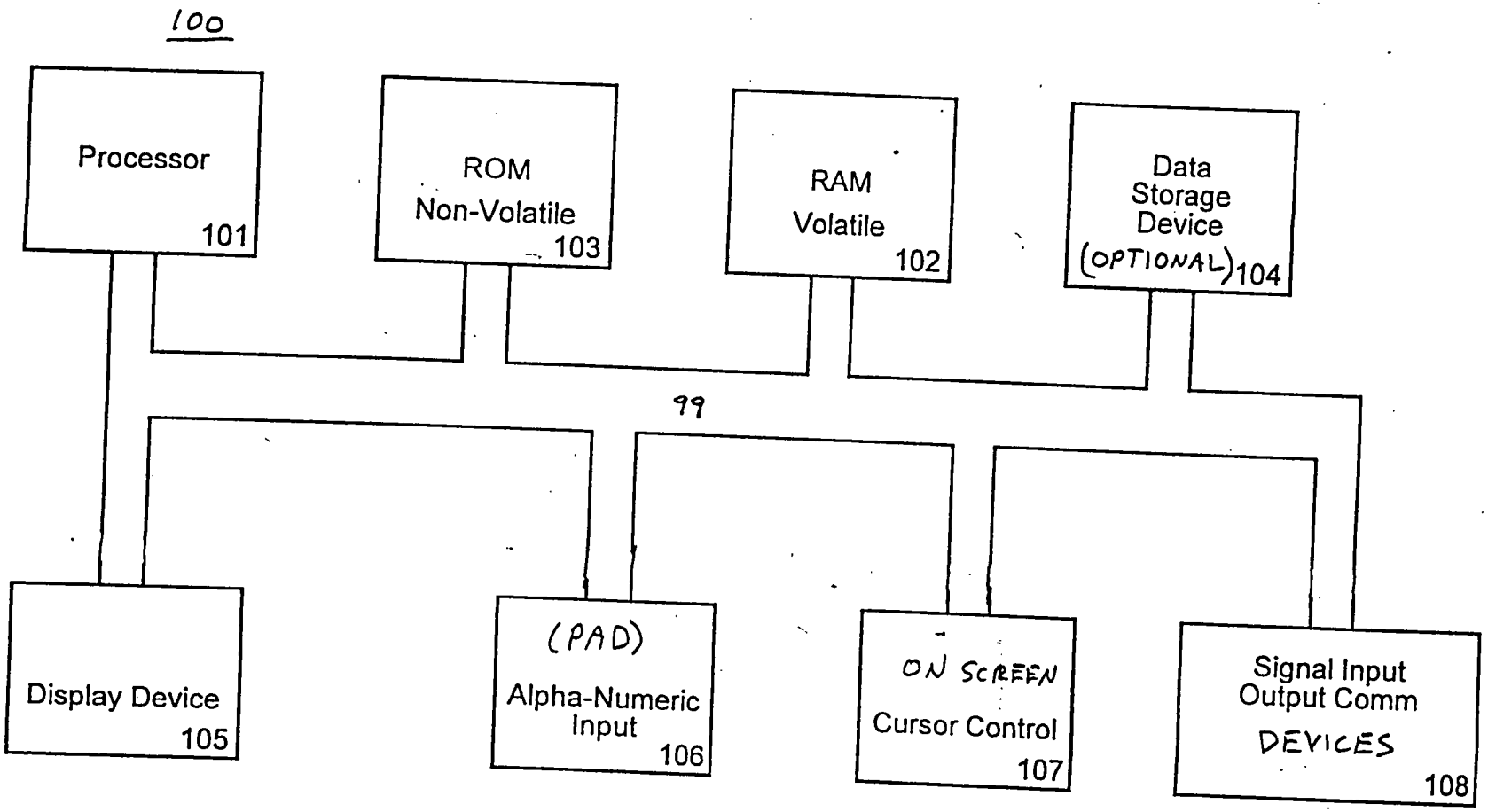

FIG. 5

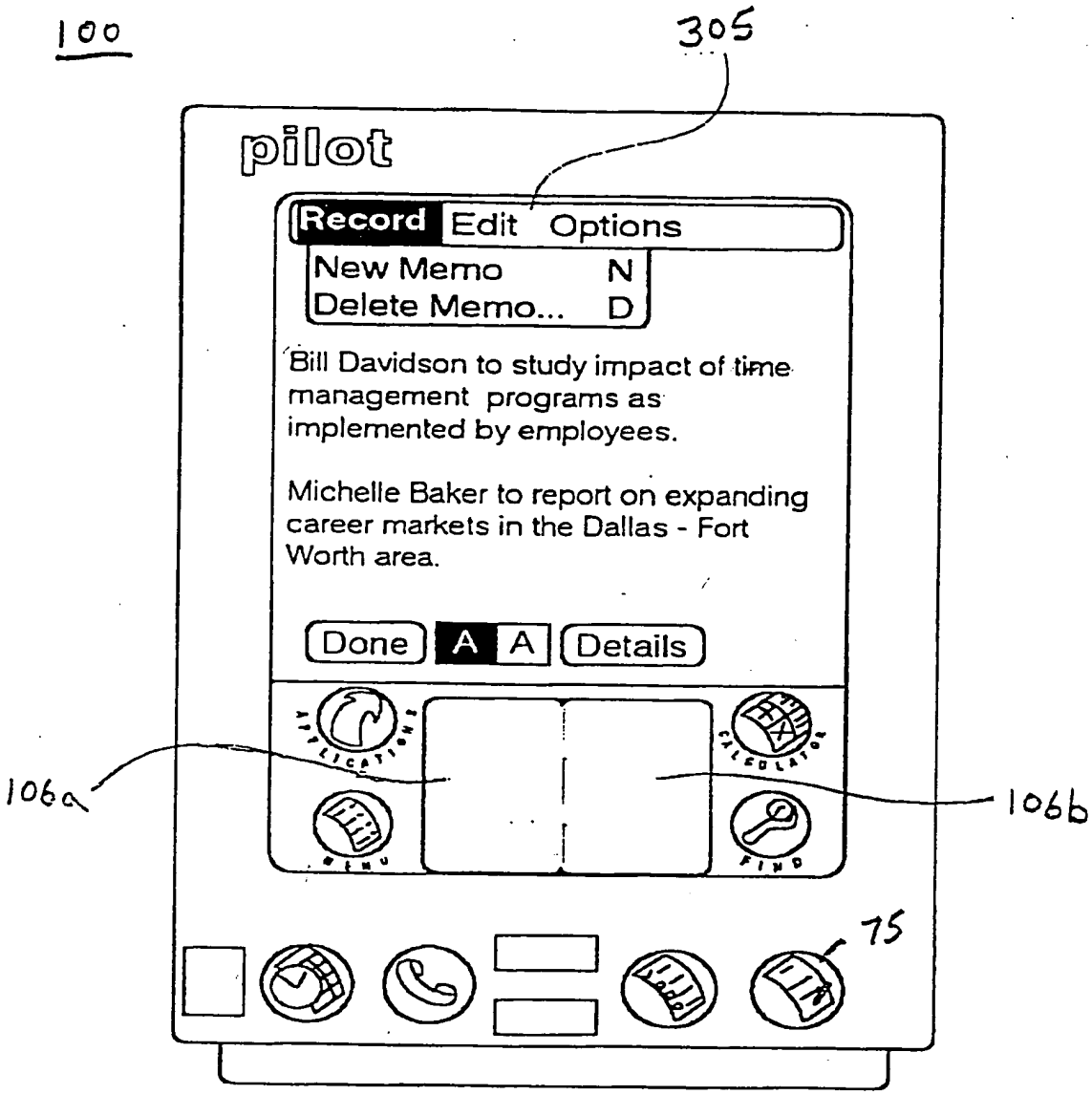
100
305
pilot
Record Edit Options
New Memo N
Delete Memo... D
Bill Davidson to study impact of time management programs as implemented by employees.
Michelle Baker to report on expanding career markets in the Dallas - Fort Worth area.
Done A A Details
106a
106b
75

FIG. 6A

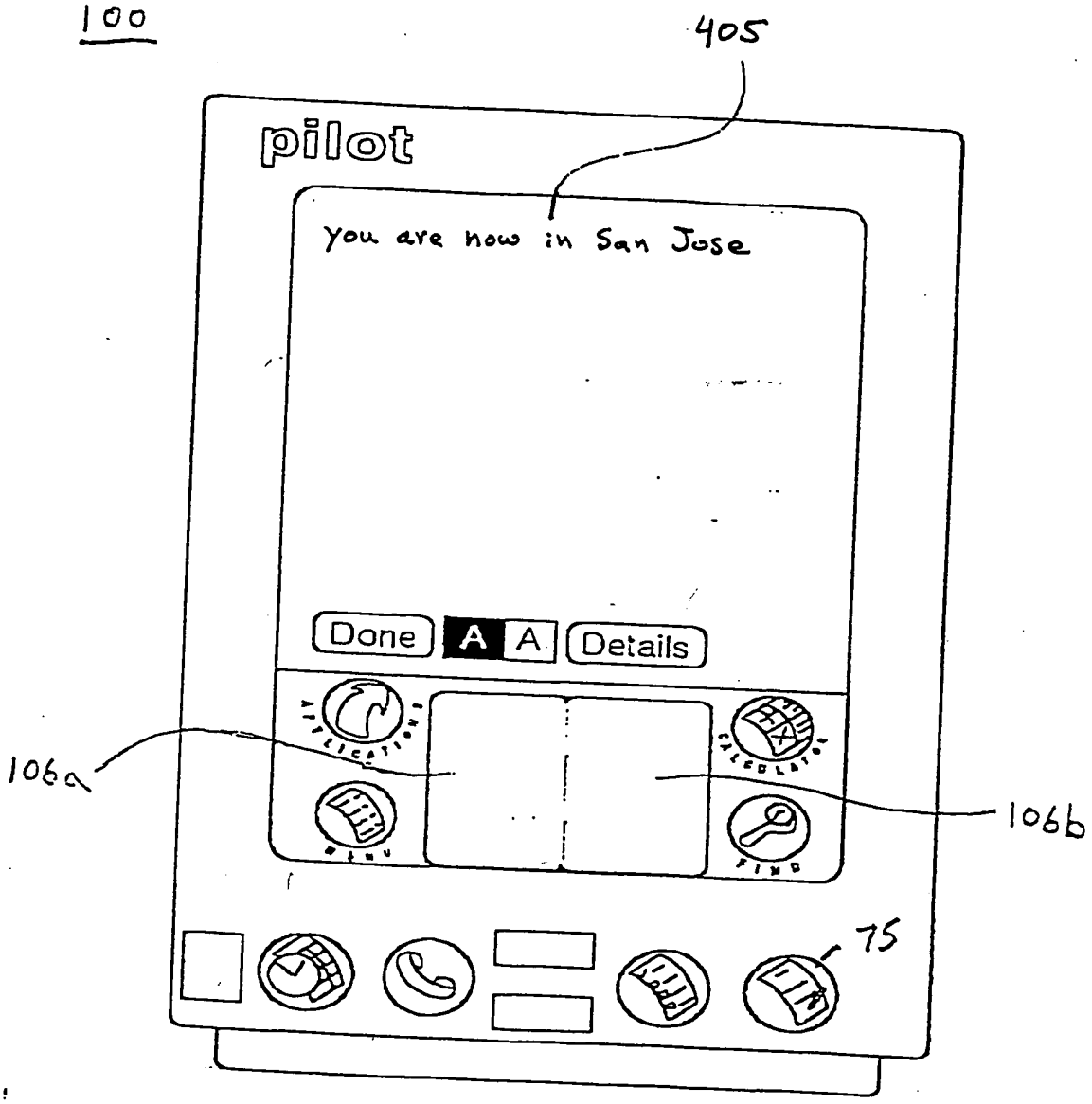
100
405
pilot
You are now in San Jose
Done
A
A
Details
106a
106b
75

FIG. 6B

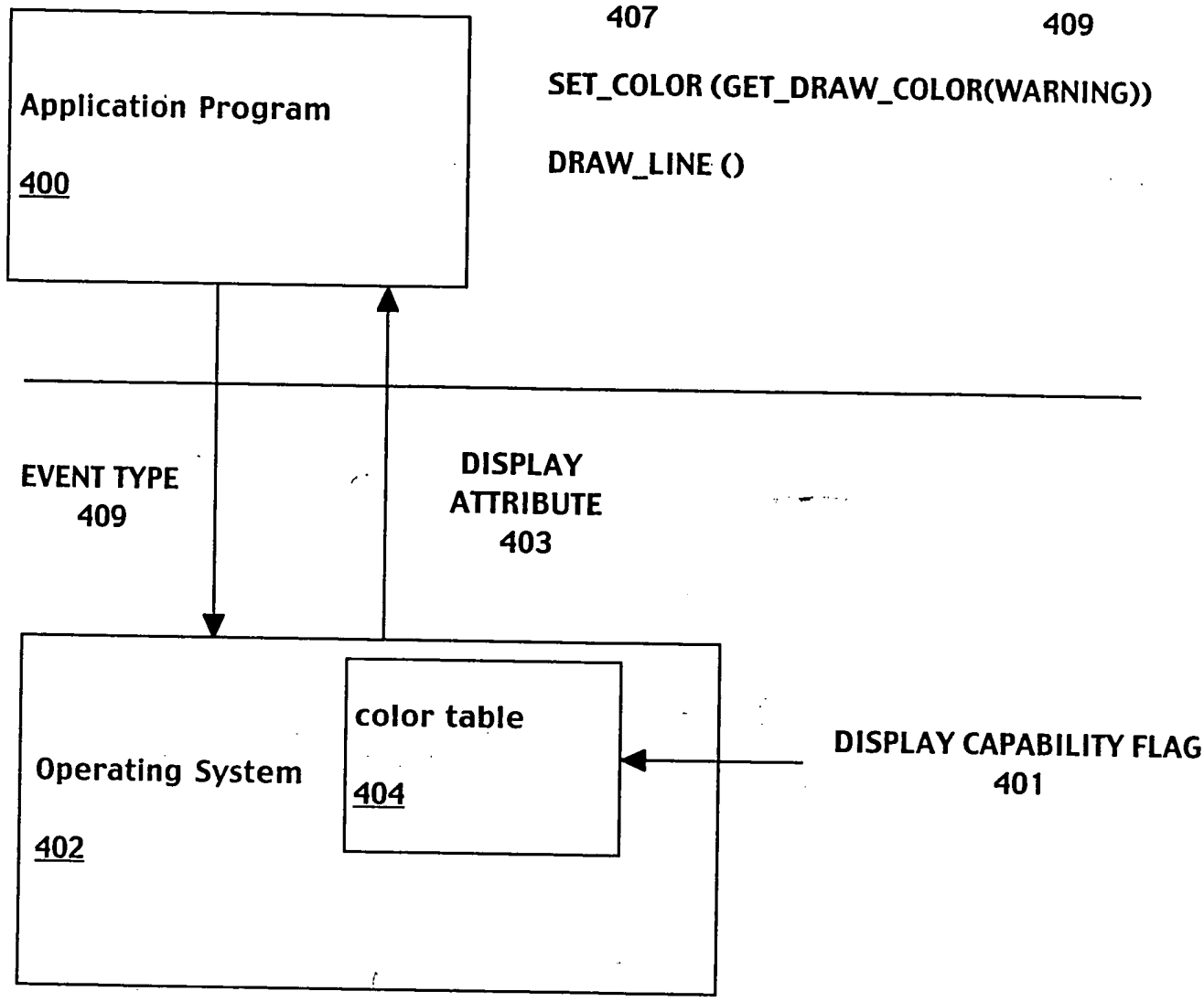
407
409
Application Program
400
SET_COLOR (GET_DRAW_COLOR(WARNING))
DRAW_LINE ()
EVENT TYPE
409
DISPLAY
ATTRIBUTE
403
color table
404
Operating System
402
DISPLAY CAPABILITY FLAG
401

FIGURE 7

color table 404

display attribute lists 450

event type list 406	1 bit display attribute list 420	2 bit gray-scale display attribute list 422	4 bit gray-scale display attribute list 424	8 bit color display attribute list 426
Warning 408	black	gray level 4	gray level 16	red
Caution 410	black	gray level 1	gray level 1	yellow
Status_OK 412	black	gray level 2	gray level 5	green
Wireless Alert 414	black	gray level 4	gray level 16	red
GPS Position 416	black	gray level 1	gray level 3	blue
Stock Price Alert 418	black	gray level 2	gray level 7	orange
Message Received by Family 420	black	gray level 1	gray level 2	purple

FIGURE 8

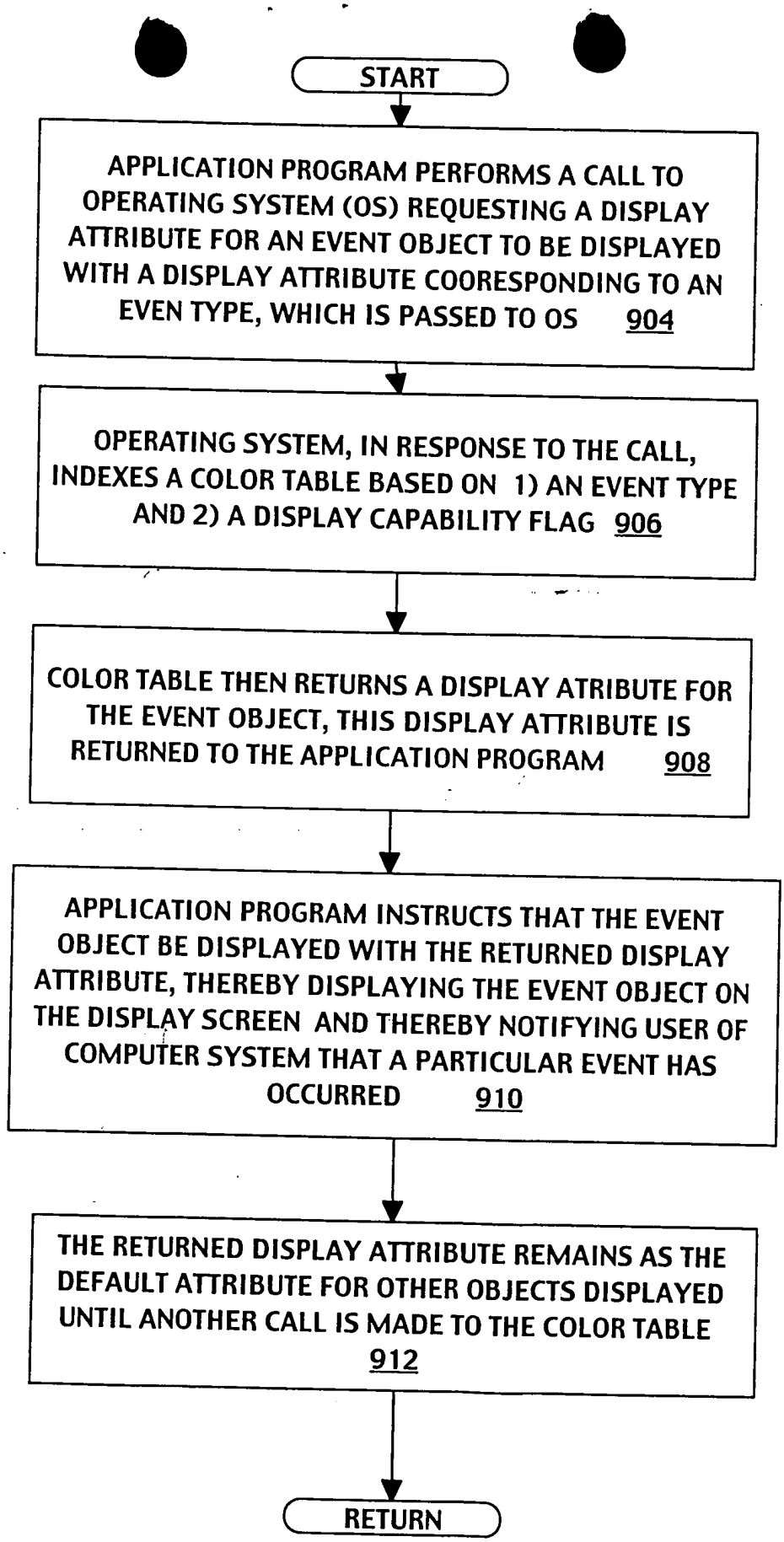
START
APPLICATION PROGRAM PERFORMS A CALL TO OPERATING SYSTEM (OS) REQUESTING A DISPLAY ATTRIBUTE FOR AN EVENT OBJECT TO BE DISPLAYED WITH A DISPLAY ATTRIBUTE COORESPONDING TO AN EVEN TYPE, WHICH IS PASSED TO OS 904
OPERATING SYSTEM, IN RESPONSE TO THE CALL, INDEXES A COLOR TABLE BASED ON 1) AN EVENT TYPE AND 2) A DISPLAY CAPABILITY FLAG 906
COLOR TABLE THEN RETURNS A DISPLAY ATRIBUTE FOR THE EVENT OBJECT, THIS DISPLAY ATTRIBUTE IS RETURNED TO THE APPLICATION PROGRAM 908
APPLICATION PROGRAM INSTRUCTS THAT THE EVENT OBJECT BE DISPLAYED WITH THE RETURNED DISPLAY ATTRIBUTE, THEREBY DISPLAYING THE EVENT OBJECT ON THE DISPLAY SCREEN AND THEREBY NOTIFYING USER OF COMPUTER SYSTEM THAT A PARTICULAR EVENT HAS OCCURRED 910
THE RETURNED DISPLAY ATTRIBUTE REMAINS AS THE DEFAULT ATTRIBUTE FOR OTHER OBJECTS DISPLAYED UNTIL ANOTHER CALL IS MADE TO THE COLOR TABLE 912
RETURN

FIGURE 9

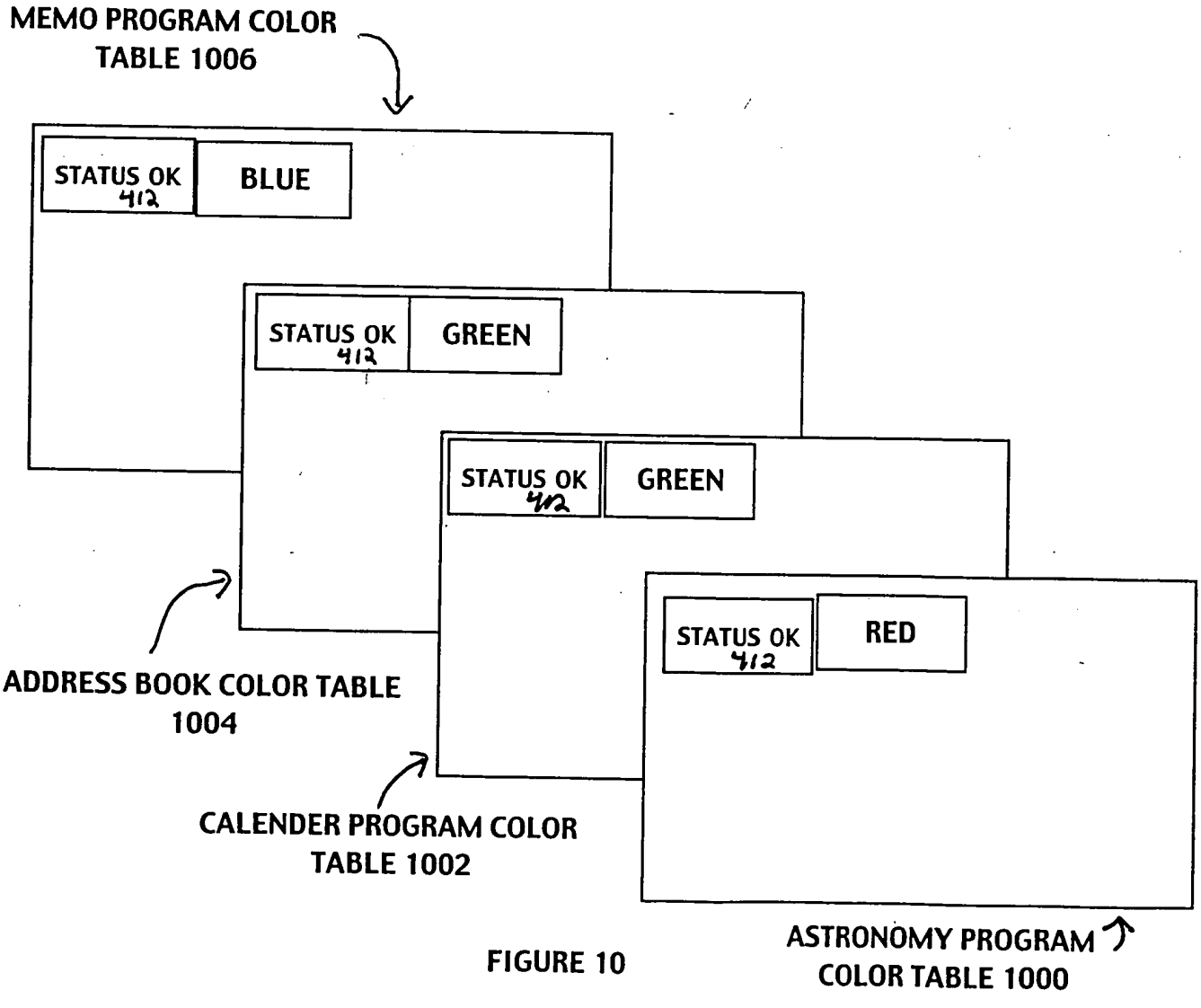
MEMO PROGRAM COLOR TABLE 1006
STATUS OK 412
BLUE
STATUS OK 412
GREEN
STATUS OK 412
GREEN
STATUS OK 412
RED
ADDRESS BOOK COLOR TABLE 1004
CALENDER PROGRAM COLOR TABLE 1002
ASTRONOMY PROGRAM COLOR TABLE 1000

FIGURE 10